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IMAGERY
ANALYSIS
DIVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

ARSENYEV AIRCRAFT PLANT NO 116

ARSENYEV, USSR, [REDACTED]

25X1

Declass Review by NIMA/DOD

[REDACTED]

25X1

CIA/PIR - 75038

25X1

DATE NOVEMBER 1966

COPY 101

PAGES 6

GROUP 1
Excluded from automatic
downgrading and declassification

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ARSENYEV AIRCRAFT PLANT PLANT NO 116

ARSENYEV, USSR, MAY 1966

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Aircraft Plant No 116 (44-08-53N 135-15-11E; [REDACTED]) is located on the southwest edge of Arsenyev, USSR, in the valley of the Daubikhe, approximately 85 nautical miles (nm) northeast of Vladivostok (Figure 1). The plant is served by both road and rail. The rail spur connects with the Trans-Siberian Railroad at Monastyrishche, located approximately 35 nm to the west. Arsenyev Airfield, a natural surface (sod) facility, is adjacent to the southwest side of the plant.

Aircraft Plant No 116 occupies an enclosed area of approximately 115 acres secured by a wall that measures approximately 8,930 linear feet. The plant is situated on level terrain and

is laid out in an orderly, rectangular pattern. Road surface within the plant covers approximately 371,870 square feet. Linear feet of rail totals approximately 4,100 feet.

The original building complex was reported to have been constructed in 1939. 1/ Figures 2, 3, and 4 depict the plant [REDACTED]

The table associated with Figure 5 presents the description and dimensions of major buildings comprising Airframe Plant No 116; item numbers are keyed to this table. All expansion since [REDACTED] has conformed to the rectangular street pattern. There are numerous vacant areas bounded by completed roads, thereby leaving ample room for further expansion.

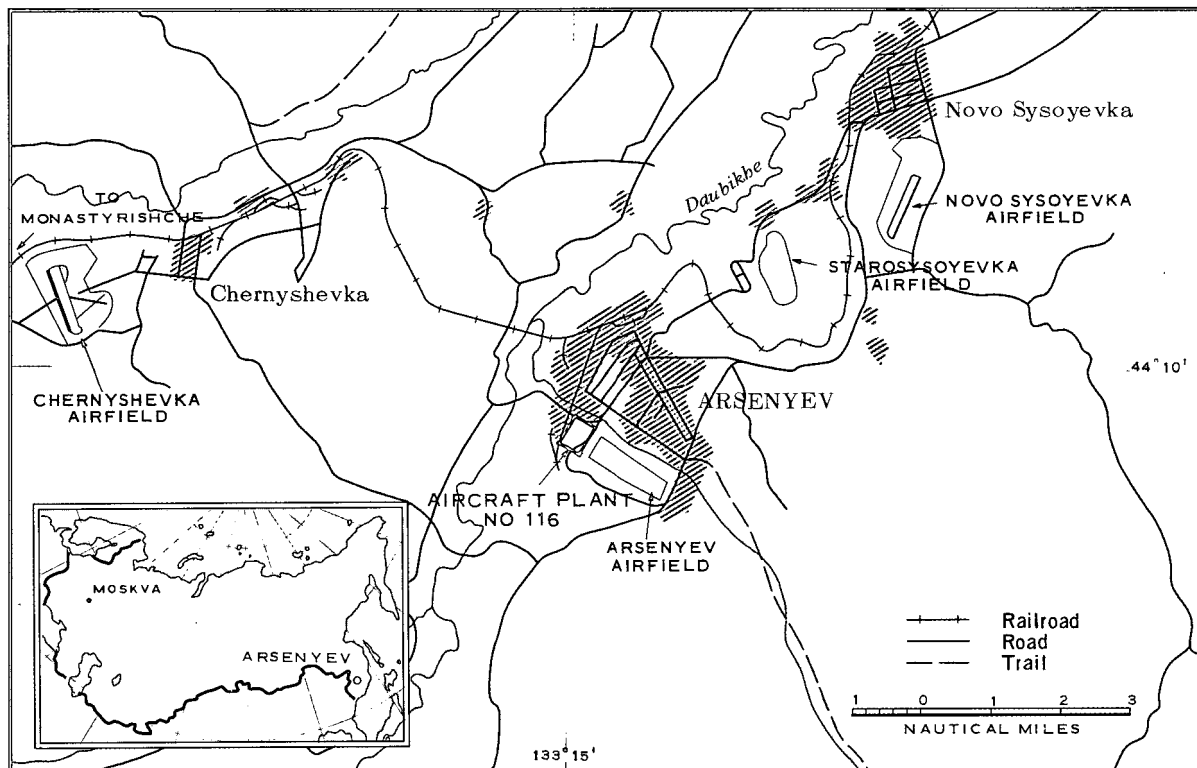


FIGURE 1. LOCATION MAP.

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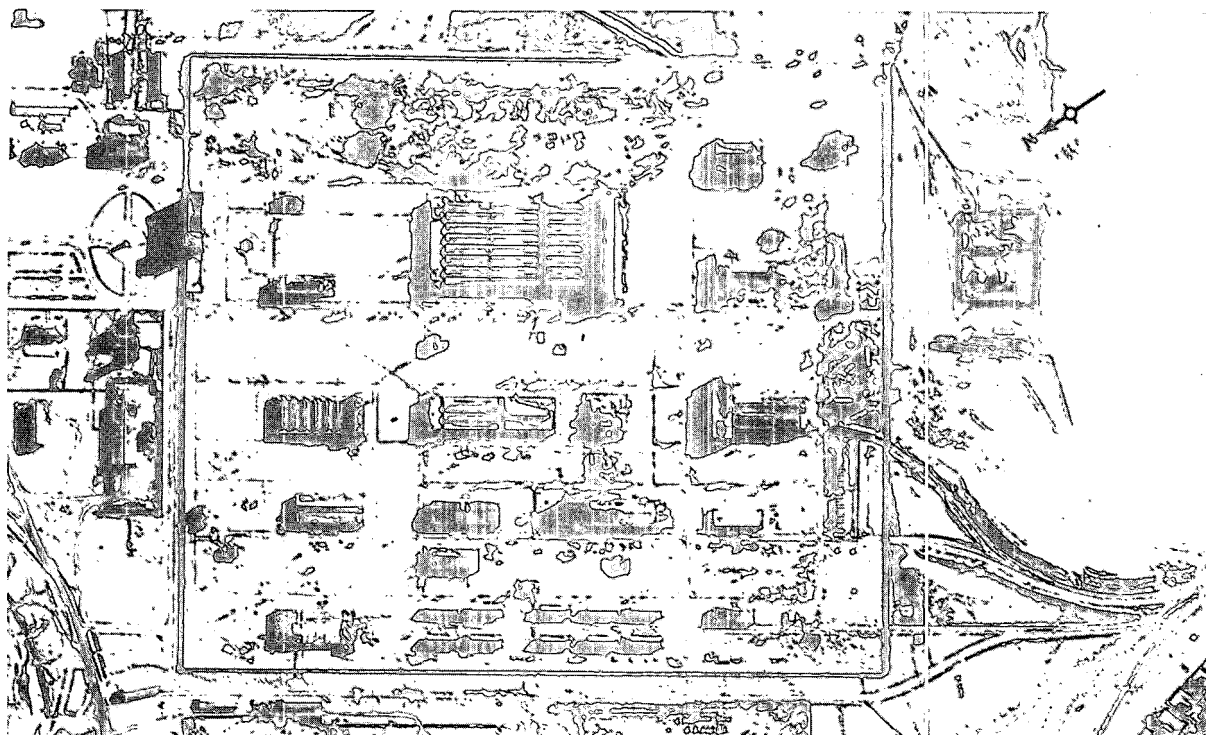


FIGURE 2. AIRCRAFT PLANT NO 116, ARSENYEV, USSR,

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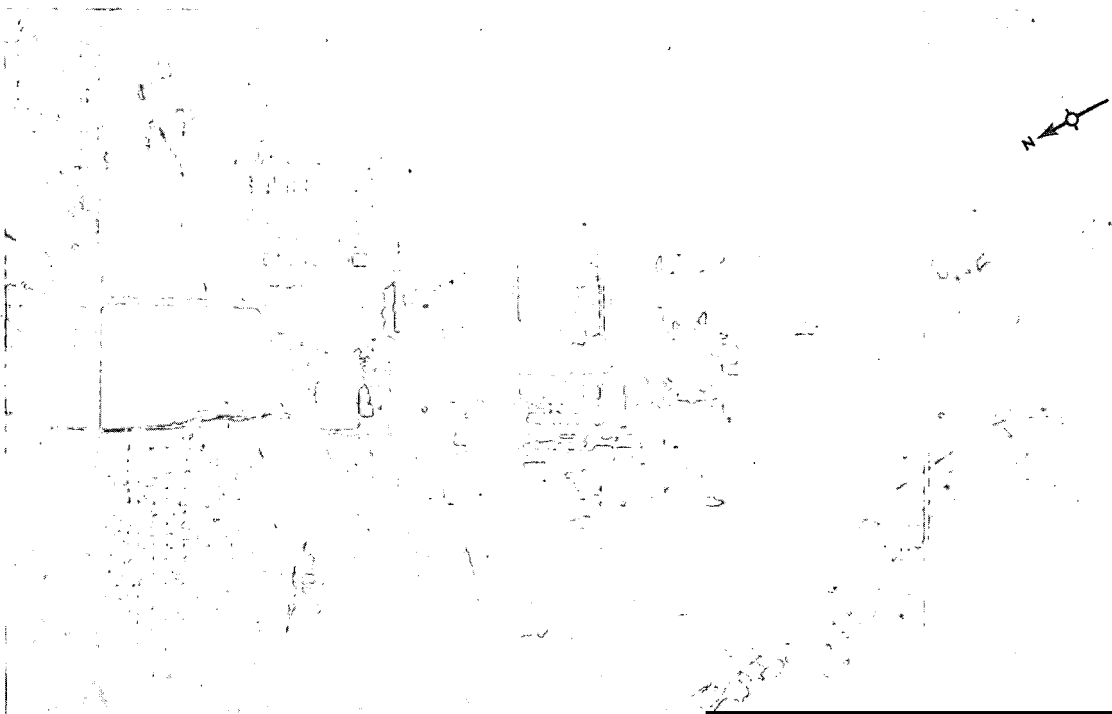


FIGURE 3. AIRCRAFT PLANT NO 116,

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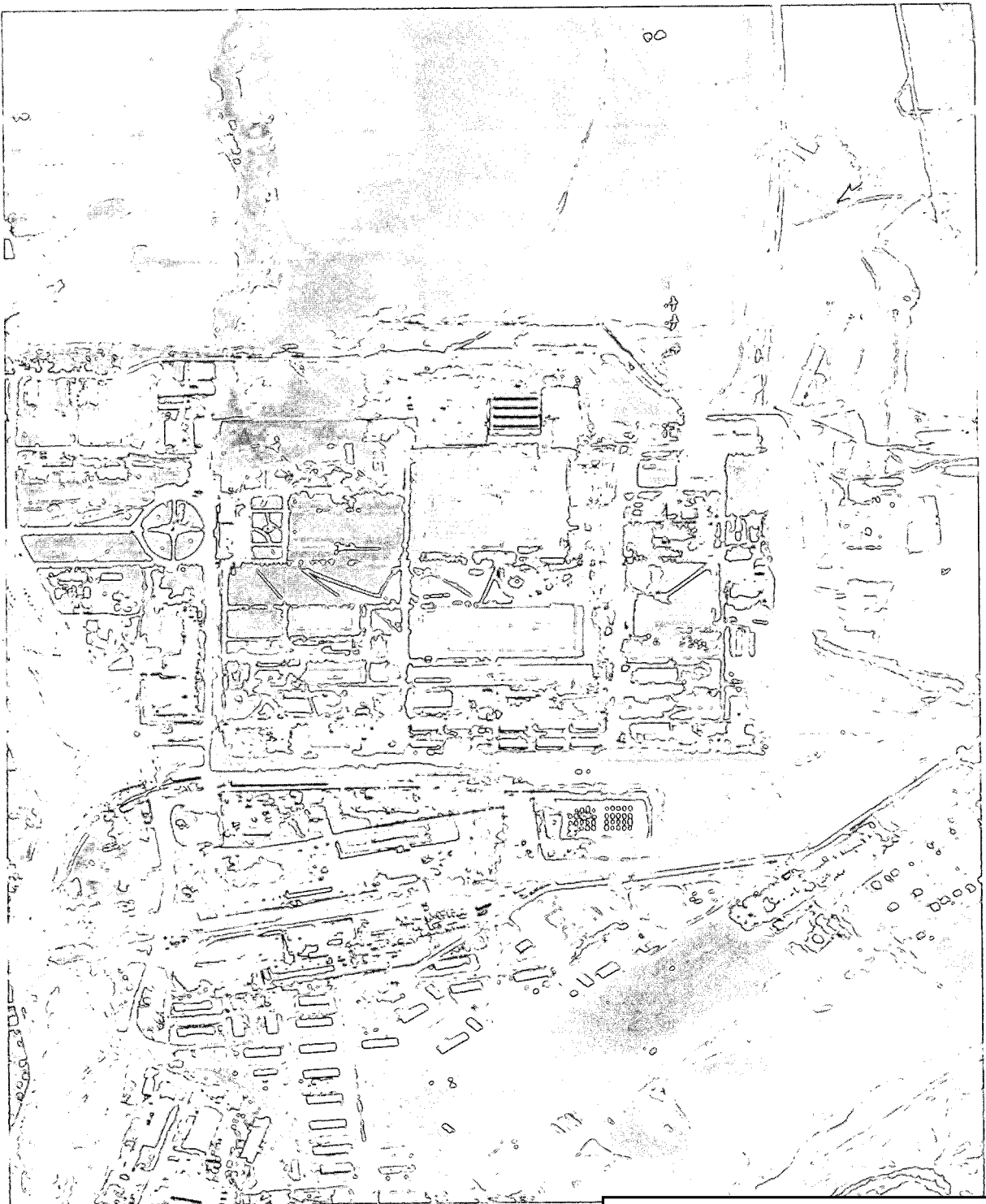


FIGURE 4. AIRCRAFT PLANT NO 116, [REDACTED]

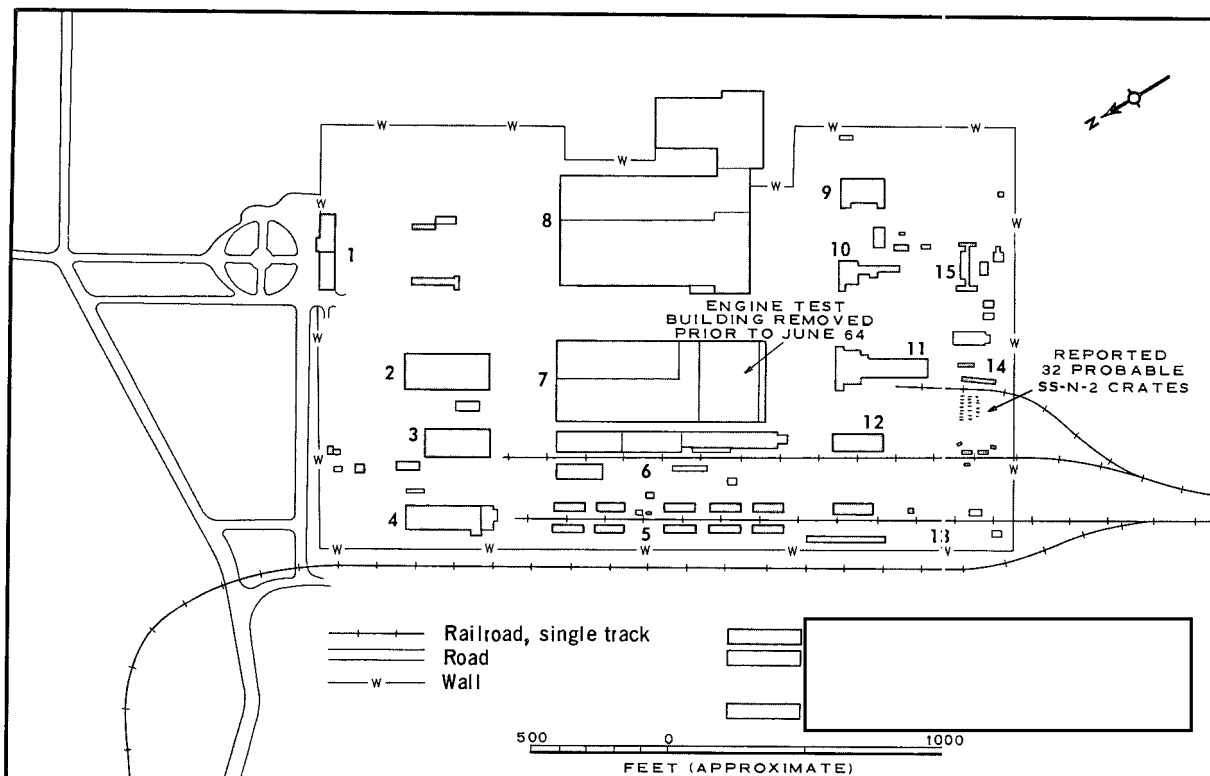
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ITEM	DESCRIPTION	DIMENSIONS (ft) (see note)			FLOORSPACE (sq ft)	CUBIC FEET
		L	W	H		
1	Admin/engineering bldg					
2	Machine shop/workshop					
3	Workshop					
4	Workshop					
5	Warehouses/storage bldgs (14)					
6	Machine shop/workshop					
7	Prob subassembly bldg					
8	Final assembly/subassembly bldg					
9	Hangar					
10	Workshop					
11	Poss crating bldg					
12	Warehouse/storage bldg					
13	Warehouses/storage bldgs (5)					
14	Prob shipping/receiving bldgs (2)					
15	Prob testing/experimentation bldg					
Total floorspace & cubic feet of numbered bldgs						
Total floorspace & cubic feet of other bldgs						
Total floorspace & cubic feet of plant						

NOTE -- With the exception of those heights marked with an asterisk (*), all measurements were calculated by NPIC/TID; horizontal measurements are accurate to within ± 5 ft or 5%, whichever is greater, and vertical measurements are accurate to within 10 ft. Measurements were derived from [redacted]

*Height calculated by CIA/IAD project analyst.

FIGURE 5. LAYOUT OF AIRCRAFT PLANT NO 116.

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The plant [] consisted of 66 buildings. Twelve of the total are identified as probable major production/assembly buildings. The main assembly/subassembly building (Figure 5, item 8) comprises approximately 50 percent of the plant's production/assembly building floor space. The remaining buildings include a possible testing facility, administration and engineering buildings, warehouses, and various support buildings. The [] total of plant floorspace was approximately [] square feet and volume of approximately []

[] photography showed a new section of the machine shop/workshop (item 6) to have been added. [] the same year an enlargement of the probable subassembly building (item 7) had been begun; this enlargement was completed [] and the engine test building adjacent to item 7 was removed prior [] Administration and storage space was also added []

[] a large addition was being constructed adjoining the southeast end of the final assembly hall (item 8). Another new section was added to the probable subassembly building (item 7) [] 3/ Miscellaneous structures have been added []

Thirty-two probable SS-N-2 (STYX) crates, aligned in 2 rows, have been identified in the south-central section of the plant on [] photography. The presence of these crates indicates that the plant is involved in the production of this short-range missile. 3/ Aircraft observed on [] include 6 CLOD, 2 CAB, 2 COLT (1 of which is airborne), and 1 small STRAIGHT WING.

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[] photography of Plant No 116 showed roof cover totaling approximately 681,000 square feet. 2/ No significant change was evident on subsequent photography [] (Figure 2). [] the plant consisted of probable main fabrication and assembly buildings; a reserve power plant; an engine test building; workshops; a tool shop; a hangar; a print shop; and storage, administration, and miscellaneous buildings. 1/ [] a large addition to the main assembly/subassembly building (item 8) had been begun; it was completed prior []

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REFERENCES

MAPS OR CHARTS

ACIC. US Air Target Chart, Series 200, Sheet 0282-22, 2d ed, Jan 63, scale 1:200,000 (SECRET)

DOCUMENTS

1. USAF. DPIR No 163, *Semenovka No 116 Aircraft Assembly Plant*, Mar 56 (TOP SECRET)
2. NPIC. R-333/64, *Aircraft Plant No 116, Arsenyev, USSR*, May 64 (TOP SECRET)
3. NPIC. *Arsenyev Aircraft Plant 116, USSR*, Jul 66 (TOP SECRET)

REQUIREMENT

CIA. C-RR6-83,650

PROJECT

31260/66 (partial answer)

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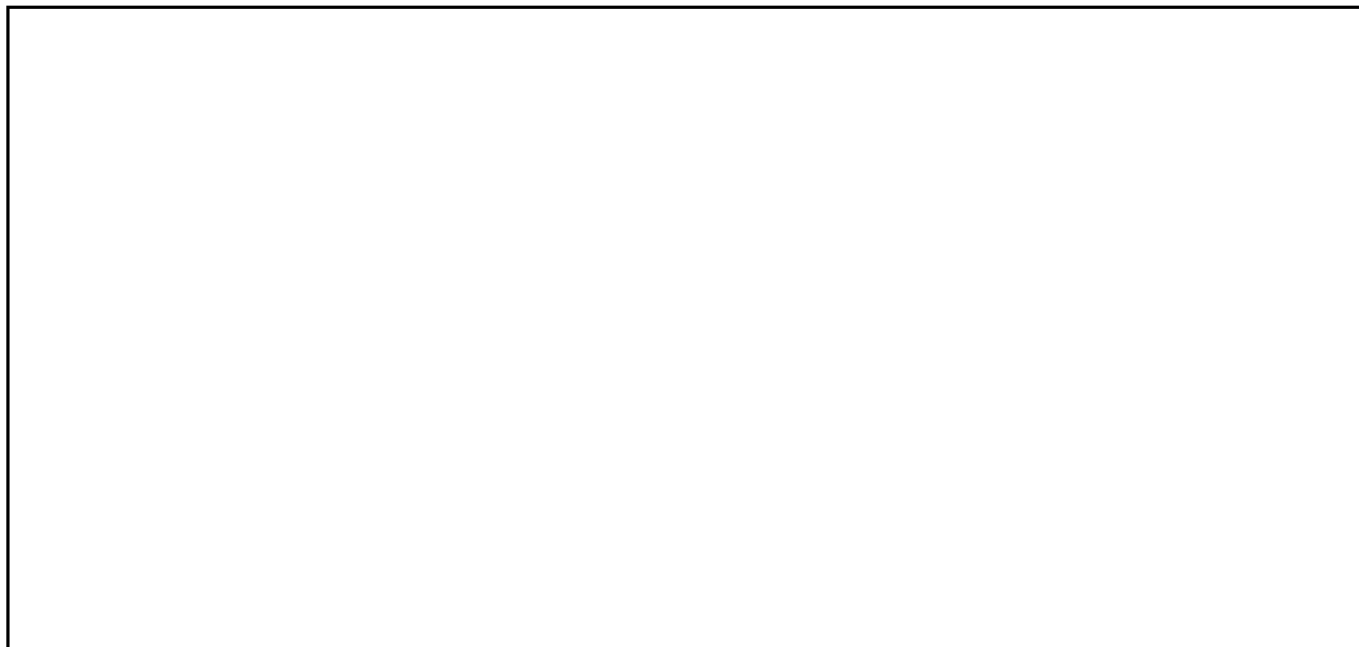
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